\$N:09/758,713

## AMENDMENTS TO THE SPECIFICATION

Please insert the following after line 23 of page 16 in the specification.

The SSR profile of Inbred PH4GP can be found in Table A.

Table A

Public Name of	bin#	PH4GP
Marker		base
		pairs
phi427913	1.01	129.38
bnlg1014	1.01	
phi056	1.01	
bnlg1083	1.02	
bnlg1127	1.02	
bnlg1953	1.02	
bnlg1429	1.02	
bnlg1627	1.02	
phi109275	1.03	
phi339017	1.03	
bnlg1203	1.03	<del></del>
bnlg1484	1.03	<del></del>
bnlg2086	1.04	
bnlg1057	1.06	
bnlg1041	1.06	
bnlg1556	1.07	
phi323065	1.08	
phi335539	1.08	
phi423298	1.08	
phi002	1.08	
bnlg1331	1.09	<b>-</b>
phi011	1.09	
phi308707	1.10	131.11
phi227562	1.11	312.95
phi265454	1.11	234.33
phi064	1.11	
phi96100	2.01	
bnlg1017	2.02	
bnlg2277	2.02	296.34



## SN:09/758,713

Public Name of	bin#	PH4GP
Marker		base
		pairs
bnlg1064	2.03	190.27
bnlg1018	2.04	
bnlg1909	2.05	
bnlg1138	2.06	
bnlg1396	2.06	
bnlg1831	2.06	
phi251315	2.07	
phi427434	2.08	
phi435417	2.08	
bnlg1940	2.08	
phi127	2.08	
bnlg1520	2.09	
phi453121	3.00	
phi104127	3.01	
phi404206	3.01	
bnlg1144	3.02	
bnlg1647	3.02	
bnlg1523	3.03	
bnlg1019	3.04	
bnlg1113	3.04	
bnlg1452	3.04	
bnlg1035	3.05	112.85
phi053	3.05	
phi102228	3.06	<del>*                                      </del>
bnig1160	3.06	
phi072	4.00	
phi213984	4.01	<del></del>
bnlg1162	4.03	+
phi308090	4.04	
phi096	4.04	
phi438301	4.05	<del></del>
bnlg1159	4.05	<del></del>
bnlg1755	4.05	+
bnlg1937	4.05	<del></del>
bnlg1265	4.05	
phi079	4.05	+
bnlg1189	4.07	
bnlg2244	4.08	<del></del>
bnlg1006	5.00	+
phi109188	5.03	+
bnlg653	5.04	***
Diligooo	3.04	1





Marker     base pairs       phi330507     5.04     140.46       phi331888     5.04     130.72       bnlg1208     5.04     118.88       phi333597     5.05     216.51       phi085     5.06     250.16       bnlg1118     5.07     82.56       bnlg1711     5.07     176.65       phi423796     6.01     128.39       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.04     123.30       phi452693     6.04     123.30       phi29852     6.07     117.30       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     7.05     138.57       phi069     7.05     138.57       phi069     7.05	Public Name of	bin#	PH4GP
phi330507     5.04     140.46       phi331888     5.04     130.72       bnlg1208     5.04     118.88       phi333597     5.05     216.51       phi085     5.06     250.16       bnlg1118     5.07     82.56       bnlg1711     5.07     176.65       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.04     123.30       phi452693     6.07     123.27       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     233.69       phi034     7.02     119.55       bnlg2271     7.03     233.69       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701	l' '		base
phi331888     5.04     130.72       bnlg1208     5.04     118.88       phi333597     5.05     216.51       phi085     5.06     250.16       bnlg1118     5.07     82.56       bnlg1711     5.07     176.65       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.04     123.30       phi452693     6.07     123.30       phi299852     6.07     117.30       phi299852     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi070;     6.07     83.47       bnlg2271     7.03     233.69       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.02     174.99 <td< td=""><td></td><td></td><td>pairs</td></td<>			pairs
phi331888     5.04     130.72       bnlg1208     5.04     118.88       phi333597     5.05     216.51       phi085     5.06     250.16       bnlg1118     5.07     82.56       bnlg1711     5.07     176.65       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.04     123.30       phi452693     6.07     123.30       phi299852     6.07     117.30       phi299852     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi070;     6.07     83.47       bnlg2271     7.03     233.69       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.02     174.99 <td< td=""><td>phi330507</td><td>5.04</td><td>140.46</td></td<>	phi330507	5.04	140.46
bnlg1208     5.04     118.88       phi333597     5.05     216.51       phi085     5.06     250.16       bnlg1118     5.07     82.56       bnlg1711     5.07     176.65       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.04     123.30       phi452693     6.04     123.30       phi452693     6.05     96.95       bnlg1174     6.05     218.72       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi070;     6.07     83.47       phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     138.57       phi116     7.06     164.92       phi420701     8.03     172.52 <td< td=""><td></td><td></td><td>130.72</td></td<>			130.72
phi333597     5.05     216.51       phi085     5.06     250.16       bnlg1118     5.07     82.56       bnlg1711     5.07     176.65       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.04     123.30       phi452693     6.07     123.30       phi452693     6.07     123.30       phi452693     6.07     123.30       phi299852     6.07     117.30       phi299852     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi0271     7.03     233.69       phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.03     172.52			
phi085     5.06     250.16       bnlg1118     5.07     82.56       bnlg1711     5.07     176.65       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.04     123.30       phi452693     6.05     96.95       bnlg1174     6.05     218.72       phi299852     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi0270;     6.07     83.47       bnlg2271     7.03     233.69       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg106			
bnlg1118     5.07     82.56       bnlg1711     5.07     176.65       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.05     96.95       bnlg1174     6.05     218.72       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi0270;     6.07     83.47       bnlg2271     7.03     233.69       phi064     7.05     138.57       phi069     7.05     195.31       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi2			
bnig1711     5.07     176.65       phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452693     6.05     96.95       bnlg1174     6.05     218.72       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1759     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi034     7.02     119.55       bnlg2271     7.03     233.69       phi051     7.05     138.57       phi069     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     9.90       bnlg1056			
phi423796     6.01     128.39       phi389203     6.03     306.15       phi452693     6.04     123.30       phi452613     6.05     96.95       bnlg1174     6.05     218.72       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi034     7.02     119.55       bnlg2271     7.03     233.69       phi051     7.05     138.57       phi069     7.05     195.31       phi16     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     93.90       bnlg1076     8.05     217.94       bnlg1076     8.05     217.94       bnlg1056     8.08     110.49       phi0		5.07	176.65
phi389203     6.03     306.15       phi452693     6.04     123.30       phi445613     6.05     96.95       bnlg1174     6.05     218.72       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi034     7.02     119.55       bnlg2271     7.03     233.69       phi051     7.05     138.57       phi069     7.05     195.31       phi169     7.05     195.31       phi260485     7.05     195.31       phi316     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     93.90       bnlg1076     8.05     217.94       bnlg1152     8.06     148.42       bnlg1			
phi452693     6.04     123.30       phi445613     6.05     96.95       bnlg1174     6.05     218.72       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     phi034     7.02     119.55       bnlg2271     7.03     233.69       phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi121     8.03     290.66       phi121     8.03     93.90       bnlg1056     8.05     217.94       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376			
phi445613     6.05     96.95       bnlg1174     6.05     218.72       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     7.02     119.55       bnlg2271     7.03     233.69       phi034     7.05     185.39       phi260485     7.05     285.39       phi051     7.05     195.31       phi069     7.05     195.31       phi016     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg1065     8.04     326.12       bnlg1076     8.05     217.94       bnlg1056     8.08     110.49       phi03     8.09			
bnlg1174     6.05     218.72       phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     7.02     119.55       bnlg2271     7.03     233.69       phi054     7.05     138.57       phi069     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg1056     8.04     326.12       bnlg1055     8.05     217.94       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04			
phi299852     6.07     117.30       phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     7.02     119.55       bnlg2271     7.03     233.69       phi054     7.05     138.57       phi069     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi121     8.03     290.66       phi2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1055     8.06     148.42       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04     231.00       phi032     9.04			
phi364545     6.07     131.46       bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     7.02     119.55       bnlg2271     7.03     233.69       phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1055     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04     231.00       phi032     9.04			
bnlg1740     6.07     230.27       bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     7.02     119.55       bnlg2271     7.03     233.69       phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg1046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1050     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04     231.00       phi032     9.04     231.00       phi236654     9.05	<del>-</del>		
bnlg1759     6.07     125.81       phi070;     6.07     83.47       umc1063     7.02     119.55       bnlg2271     7.03     233.69       phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi214     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1055     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04     231.00       phi032     9.04     231.00       phi236654     9.05			
phi070;   6.07   83.47     umc1063   7.02   119.55     bnlg2271   7.03   233.69     phi260485   7.05   285.39     phi051   7.05   138.57     phi069   7.05   195.31     phi116   7.06   164.92     phi420701   8.00   289.29     bnlg1194   8.02   174.99     bnlg2082   8.03   172.52     phi115   8.03   290.66     phi214   8.03   93.90     bnlg2046   8.04   326.12     bnlg1176   8.05   217.94     bnlg1152   8.06   148.42     bnlg1056   8.08   110.49     phi015   8.08   79.78     phi233376   8.09   152.17     bnlg1012   9.04   161.54     phi032   9.04   231.00     phi236654   9.05   117.08			
umc1063     phi034   7.02   119.55     bnlg2271   7.03   233.69     phi260485   7.05   285.39     phi051   7.05   138.57     phi069   7.05   195.31     phi116   7.06   164.92     phi420701   8.00   289.29     bnlg1194   8.02   174.99     bnlg2082   8.03   172.52     phi115   8.03   290.66     phi121   8.03   93.90     bnlg2046   8.04   326.12     bnlg1176   8.05   217.94     bnlg1152   8.06   148.42     bnlg1056   8.07   226.87     bnlg1056   8.08   110.49     phi015   8.08   79.78     phi233376   8.09   152.17     bnlg1012   9.04   161.54     phi032   9.04   231.00     phi236654   9.05   117.08			
phi034     7.02     119.55       bnlg2271     7.03     233.69       phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04     161.54       phi032     9.04     231.00       phi236654     9.05     117.08		<b>4</b>	
bnlg2271     7.03     233.69       phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04     161.54       phi032     9.04     231.00       phi236654     9.05     117.08		7.02	119.55
phi260485     7.05     285.39       phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg2122     9.01     237.09       bnlg1032     9.04     231.00       phi032     9.04     231.00       phi236654     9.05     117.08			
phi051     7.05     138.57       phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04     231.00       phi032     9.04     231.00       phi236654     9.05     117.08		7.05	
phi069     7.05     195.31       phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.01     237.09       bnlg1012     9.04     161.54       phi032     9.04     231.00       phi236654     9.05     117.08		7.05	138.57
phi116     7.06     164.92       phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg1012     9.04     161.54       phi032     9.04     231.00       phi236654     9.05     117.08		7.05	
phi420701     8.00     289.29       bnlg1194     8.02     174.99       bnlg2082     8.03     172.52       phi115     8.03     290.66       phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg2122     9.01     237.09       bnlg1012     9.04     161.54       phi032     9.04     231.00       phi236654     9.05     117.08	phi116	7.06	164.92
bnlg2082   8.03   172.52     phi115   8.03   290.66     phi121   8.03   93.90     bnlg2046   8.04   326.12     bnlg1176   8.05   217.94     bnlg1152   8.06   148.42     bnlg1065   8.07   226.87     bnlg1056   8.08   110.49     phi015   8.08   79.78     phi233376   8.09   152.17     bnlg2122   9.01   237.09     bnlg1012   9.04   161.54     phi032   9.04   231.00     phi236654   9.05   117.08		8.00	289.29
bnlg2082   8.03   172.52     phi115   8.03   290.66     phi121   8.03   93.90     bnlg2046   8.04   326.12     bnlg1176   8.05   217.94     bnlg1152   8.06   148.42     bnlg1065   8.07   226.87     bnlg1056   8.08   110.49     phi015   8.08   79.78     phi233376   8.09   152.17     bnlg2122   9.01   237.09     bnlg1012   9.04   161.54     phi032   9.04   231.00     phi236654   9.05   117.08		8.02	174.99
phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg2122     9.01     237.09       bnlg1012     9.04     161.54       phi032     9.04     231.00       phi236654     9.05     117.08		8.03	172.52
phi121     8.03     93.90       bnlg2046     8.04     326.12       bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg2122     9.01     237.09       bnlg1012     9.04     161.54       phi032     9.04     231.00       phi236654     9.05     117.08		8.03	290.66
bnlg1176     8.05     217.94       bnlg1152     8.06     148.42       bnlg1065     8.07     226.87       bnlg1056     8.08     110.49       phi015     8.08     79.78       phi233376     8.09     152.17       bnlg2122     9.01     237.09       bnlg1012     9.04     161.54       phi032     9.04     231.00       phi236654     9.05     117.08		8.03	93.90
bnlg1176   8.05   217.94     bnlg1152   8.06   148.42     bnlg1065   8.07   226.87     bnlg1056   8.08   110.49     phi015   8.08   79.78     phi233376   8.09   152.17     bnlg2122   9.01   237.09     bnlg1012   9.04   161.54     phi032   9.04   231.00     phi236654   9.05   117.08	bnlg2046	8.04	326.12
bnlg1152 8.06 148.42   bnlg1065 8.07 226.87   bnlg1056 8.08 110.49   phi015 8.08 79.78   phi233376 8.09 152.17   bnlg2122 9.01 237.09   bnlg1012 9.04 161.54   phi032 9.04 231.00   phi236654 9.05 117.08		8.05	217.94
bnlg1065 8.07 226.87   bnlg1056 8.08 110.49   phi015 8.08 79.78   phi233376 8.09 152.17   bnlg2122 9.01 237.09   bnlg1012 9.04 161.54   phi032 9.04 231.00   phi236654 9.05 117.08		8.06	148.42
bnlg1056 8.08 110.49   phi015 8.08 79.78   phi233376 8.09 152.17   bnlg2122 9.01 237.09   bnlg1012 9.04 161.54   phi032 9.04 231.00   phi236654 9.05 117.08			
phi015 8.08 79.78   phi233376 8.09 152.17   bnlg2122 9.01 237.09   bnlg1012 9.04 161.54   phi032 9.04 231.00   phi236654 9.05 117.08			
phi233376 8.09 152.17   bnlg2122 9.01 237.09   bnlg1012 9.04 161.54   phi032 9.04 231.00   phi236654 9.05 117.08			<del></del>
bnlg2122   9.01   237.09     bnlg1012   9.04   161.54     phi032   9.04   231.00     phi236654   9.05   117.08			
bnlg1012 9.04 161.54   phi032 9.04 231.00   phi236654 9.05 117.08			
phi032 9.04 231.00 phi236654 9.05 117.08			+
phi236654 9.05 117.08		<del></del>	
			<del></del>
	bnlg1375	9.07	+



Public Name of	bin#	PH4GP
Marker		base
		pairs
bnlg1129	9.08	300.56
phi041	10.00	202.94
phi96342	10.02	245.07
phi059	10.02	153.35
bnlg1079	10.03	172.22
bnlg1655	10.03	126.51
phi050	10.03	83.27
phi301654	10.04	128.33
phi062	10.04	157.81
phi323152	10.05	141.15
bnlg1074	10.05	177.82
bnlg1185	10.07	151.61
bnlg1450	10.07	177.71
phi109642	2.03/2.04	148.23
bnlg1720	1.09/1.10	236.44
phi448880	9.06/9.07	176.99

